

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	12	(US-20070115474-\$ or US-20050255491-\$ or US-20040180380-\$ or US-20020063212-\$ or US-20040038307-\$ or US-20030013111-\$ or US-20020179434-\$ or US-20020172943-\$ or US-20040248144-\$).did. or (US-6827979-\$ or US-7058264-\$ or US-6897015-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/10/02 14:54
L12	4	11 and (ellip\$4 and sensitiv\$4 and particle and metal\$4 and fluorescen\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:05
L13	14	((ellip\$4 and sensitiv\$4 and particle and metal\$4 and fluorescen\$4) and (nanosensor or microsensor) and ((gold or silver) same (layer or surface or photoresist)) and (film and microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:08
L14	2	11 and (snom or (scanning near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:05
L15	14	13 and (sensitiv\$4 same (particle or fluorescen\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:09
L16	2	13 and (sensitiv\$4 near (particle or fluorescen\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:08
L17	14	13 and (sensitiv\$4 same (particle or fluorescen\$4)) and microscope	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:10
L18	0	17 and ellip44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:10
L19	14	17 and ellip\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:41

## EAST Search History

L20	217	((increas\$4 near sensitivit\$4) same (sensor or microscope or scann\$4)) and (surface near plasmons))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:42
L21	43	20 and ((pad\$4 and immobili\$5) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:43
L22	42	21 and (raman or gold or metal\$4 or spectroscopy or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:45
L23	24	22 and (particle same (biological or chemical or fluorescent or metallic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:37
L24	42	((snom or (microscope near field)) near (tip))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:42
L25	1	24 and ((surface near plasmon\$2) and (pad\$4 and immobili\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:39
L26	4	24 and (surface near plasmon\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:40
L27	5	24 and (surface same plasmon\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:40
S1	78	chaton.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:33

## EAST Search History

S2	45	chaton-patrick.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:35
S3	9	S2 and (spr or (plasmon\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:35
S4	10	S1 and (spr or (plasmon\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:33
S5	1	S4 and pad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:35
S6	1	S3 and pad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:35
S7	6	S1 and pad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:35
S8	0	((surface near plasmon\$2).and ((pad\$4 same immobili45) and (chemical or biological)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:37
S9	0	((surface near plasmon\$2) and ((pad\$4 and immobili45) and (chemical or biological)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:37
S10	0	((surface near plasmon\$2) and (pad\$4 and immobili45) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:37

## EAST Search History

S11	1764	((surface near plasmon\$2) and (pad\$4 and immobili\$5) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:39
S12	150	((surface near plasmon\$2) and (pad\$4 and immobili\$5) same (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:37
S13	20	S12 and (microsensor or nanosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:43
S14	72	S11 and (microsensor or nanosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:38
S15	13	S13 and (circle or ellip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:39
S16	53	S14 and (circle or ellip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:11
S17	3	S16 and ((gold or silver or conductive) same pad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:13
S18	21	S12 and ((gold or silver or conductive) same pad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:13

## EAST Search History

S19	97	("20020042081"   "20020063212"   "20020076927"   "20020114987"   "20020122873"   "20020123135"   "20020146714"   "20020172943"   "20020179434"   "20030013111"   "4728591"   "5106729"   "5138174"   "5143854"   "5314829"   "5346683"   "5363697"   "5372930"   "5384261"   "5440122"   "5443791"   "5445934"   "5445971"   "5453970"   "5467642"   "5472881"   "5482601"   "5514540"   "5514550"   "5519212"   "5532128"   "5571639"   "5601982"   "5604097"   "5620854"   "5666190"   "5670322"   "5688486"   "5720928"   "5744305"   "5753088"   "5760300"   "5763768"   "5789167"   "5800992"   "5837832"   "5840862"   "5846724"   "5851769"   "5866328"   "5866434"   "5874219"   "5874668"   "5958701"   "5965133"   "5981733"   "5985356"   "5992226"   "5993627"   "6004617"   "6024925"   "6033911"   "6045671"   "6080586"   "6083763"   "6087274"   "6110426"   "6123819"   "6143574"   "6146899"   "6159742"   "6171797"   "6180114"   "6200737"   "6203814"   "6214552"   "6218122"   "6231744"   "6232706"   "6239273"   "6255469"   "6270946"   "6278231"   "6284497"   "6287850"   "6289717"   "6309831"   "6329209"   "6331396"   "6350609"   "6395554"   "6406921"   "6416952"   "6420105"   "6436647"   "6518168"   "6573369").PN. OR ("6897015").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/01 11:13
S20	2	S19 and ((surface near plasmon\$2) and (pad\$4 and immobili\$5) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:14
S21	5	S19 and ((gold or silver or conductive) same pad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:58
S22	3	Arenkov.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:58
S23	1	S13 and (raman)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:08
S24	35	S14 and (raman)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:44
S25	32	S16 and (raman)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:08

## EAST Search History

S26	2	S25 and (metallic or dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 08:49
S27	2	S26 and dna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:29
S28	32	S25 and dna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:29
S29	1	S16 and (snom or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:44
S30	1	S28 and (snom or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:48
S31	12	S11 and (snom or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:44
S32	3	S12 and (snom or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:44
S33	6	S31 and (metallic or dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:45

## EAST Search History

S34	97	("20020042081"   "20020063212"   "20020076927"   "20020114987"   "20020122873"   "20020123135"   "20020146714"   "20020172943"   "20020179434"   "20030013111"   "4728591"   "5106729"   "5138174"   "5143854"   "5314829"   "5346683"   "5363697"   "5372930"   "5384261"   "5440122"   "5443791"   "5445934"   "5445971"   "5453970"   "5467642"   "5472881"   "5482601"   "5514540"   "5514550"   "5519212"   "5532128"   "5571639"   "5601982"   "5604097"   "5620854"   "5666190"   "5670322"   "5688486"   "5720928"   "5744305"   "5753088"   "5760300"   "5763768"   "5789167"   "5800992"   "5837832"   "5840862"   "5846724"   "5851769"   "5866328"   "5866434"   "5874219"   "5874668"   "5958701"   "5965133"   "5981733"   "5985356"   "5992226"   "5993627"   "6004617"   "6024925"   "6033911"   "6045671"   "6080586"   "6083763"   "6087274"   "6110426"   "6123819"   "6143574"   "6146899"   "6159742"   "6171797"   "6180114"   "6200737"   "6203814"   "6214552"   "6218122"   "6231744"   "6232706"   "6239273"   "6255469"   "6270946"   "6278231"   "6284497"   "6287850"   "6289717"   "6309831"   "6329209"   "6331396"   "6350609"   "6395554"   "6406921"   "6416952"   "6420105"   "6436647"   "6518168"   "6573369").PN. OR ("6897015").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/01 12:48
S35	2	S34 and (snom or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:48
S36	17	((surface near plasmon\$2) and (pad\$4 same immobili\$5) and (chemical or biological)) and (circle or ellips\$4) and (dimension and (microsensor or nanosensor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:48
S37	17	S36 and (pad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:50
S38	16	S37 and (gold or silver or metallic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:51
S39	16	S38 and (thin and film)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:51
S40	522	"356"/.clas. and ((surface near plasmon\$2) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:09

## EAST Search History

S41	1	"60532687"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:32
S42	1	"60519530"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:32
S43	30	lee-frank-d.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:32
S44	5	lee-frank.in. and (immobil\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:12
S45	12	S43 and (immobil\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:34
S46	12	S45 and (chemical or biological)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:40
S47	9	S46 and (metal\$4 or semiconduct\$4 or dielectric or gold or silver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:41
S48	2763	((surface near plasmon\$2) and (pad\$4 or immobili\$5) and (chemical or biological) and ("mu.m" or micron\$2) and (gold or silver) and (dielectric or semiconduct\$4 or metal\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:51
S49	139	S48 and (((film or thin) same dielectric) and (sensitivity and microscope and (raman or spectroscopy)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:52



## EAST Search History

S50	163	S48 and (((film or thin) same dielectric) and (sensitivity and microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:59
S51	14	S50 and (microsensor or nanosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:00
S52	14	S49 and (microsensor or nanosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:04
S53	10	S52 and pad	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:08
S54	14	royer-pascal.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:09
S55	2	adam-pierre.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:09
S56	4	S54 and ((surface near plasmon\$2) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:10
S57	2	bijeon.in. and (surface near plasmon\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:11
S58	6	bijeon and (surface near plasmon\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:11

## EAST Search History

S59	6	S58 and (immobil\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:12
S60	2	S56 and (immobil\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:12